

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141028.D
 Acq On : 30 Dec 2024 13:29
 Operator : RC/JU
 Sample : P5380-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TAPIAL3-IDW-SOIL-122024-T1

Quant Time: Dec 30 13:50:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	253415	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1011771	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	540531	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	938430	20.000	ng	0.00
76) Chrysene-d12	13.980	240	714431	20.000	ng	0.00
86) Perylene-d12	15.445	264	541596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2055953	122.293	ng	0.02
7) Phenol-d6	6.451	99	2386295	110.186	ng	0.00
23) Nitrobenzene-d5	7.386	82	1821161	115.159	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	871475	165.920	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	3144167	92.676	ng	0.00
79) Terphenyl-d14	12.933	244	3899798	90.667	ng	0.00

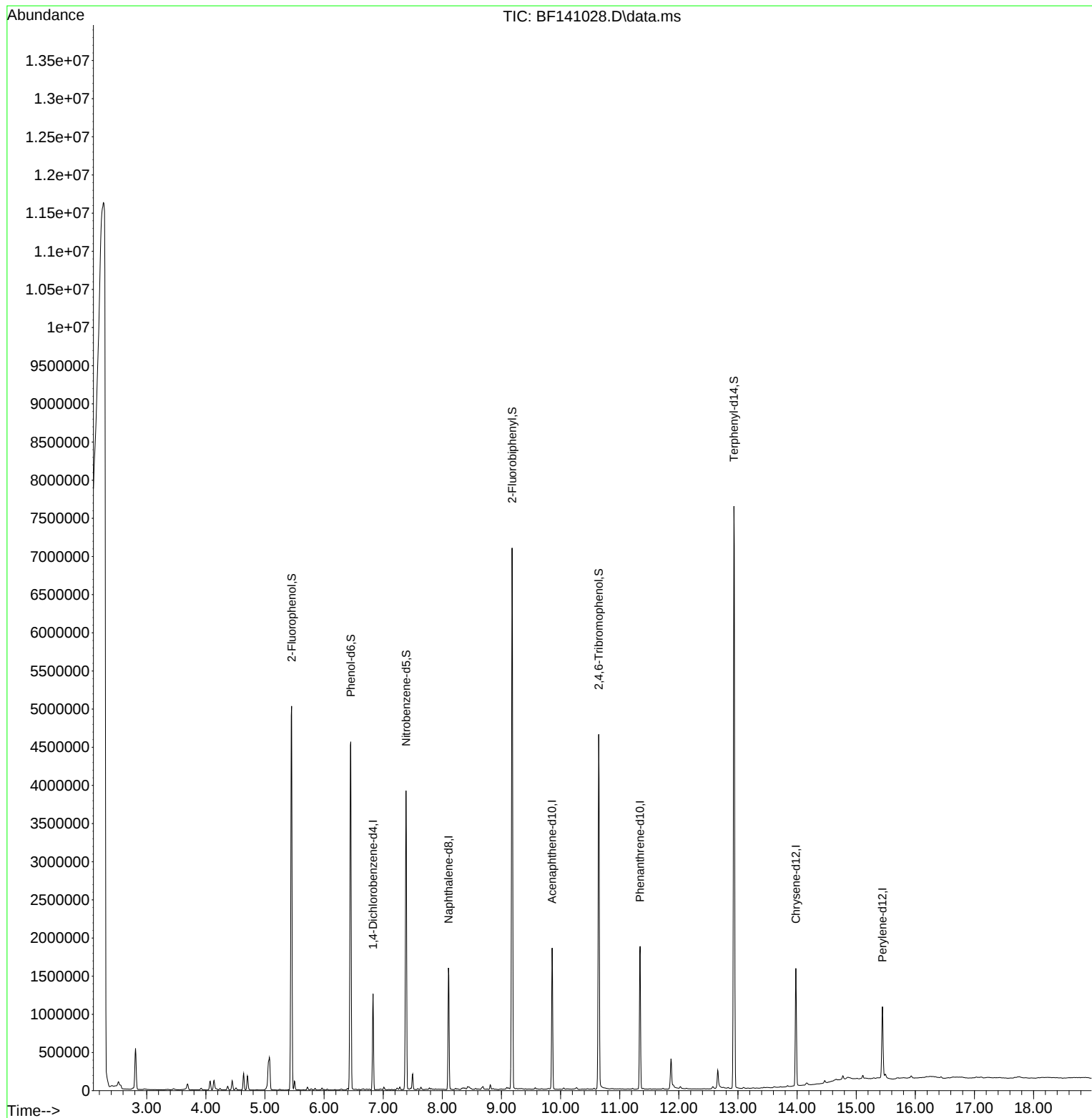
Target Compounds	Qvalue

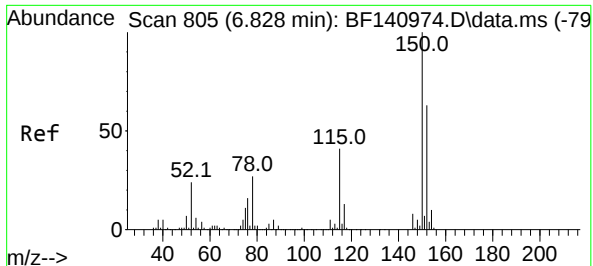
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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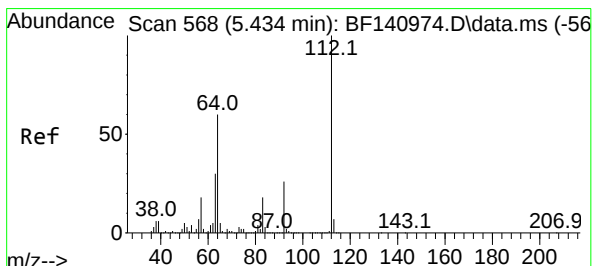
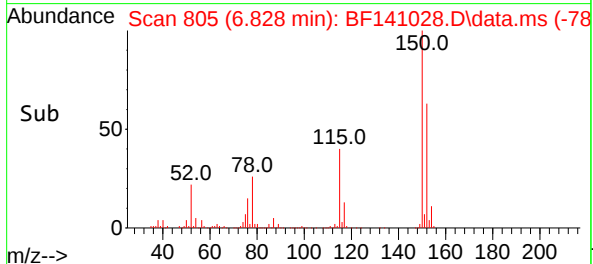
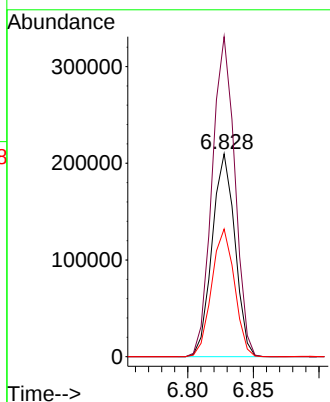
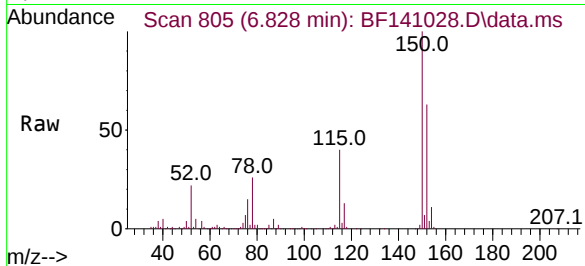




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141028.D
Acq: 30 Dec 2024 13:29

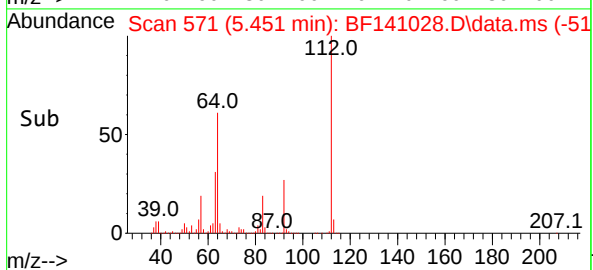
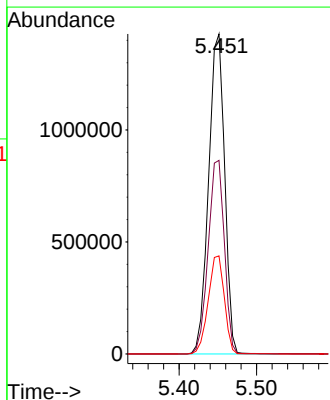
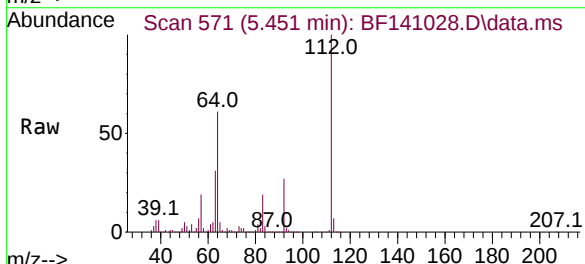
Instrument :
BNA_F
ClientSampleId :
TAPIAL3-IDW-SOIL-122024-T1

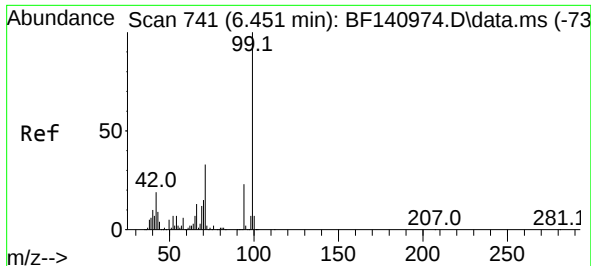
Tgt Ion:152 Resp: 253415
Ion Ratio Lower Upper
152 100
150 157.8 127.0 190.6
115 63.0 51.7 77.5



#5
2-Fluorophenol
Concen: 122.293 ng
RT: 5.451 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF141028.D
Acq: 30 Dec 2024 13:29

Tgt Ion:112 Resp: 2055953
Ion Ratio Lower Upper
112 100
64 60.5 47.7 71.5
63 30.6 24.2 36.2



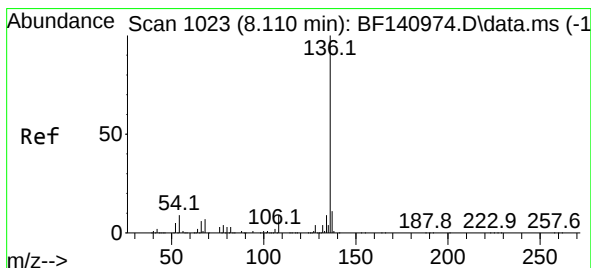
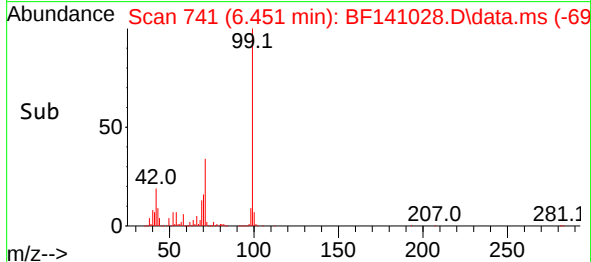
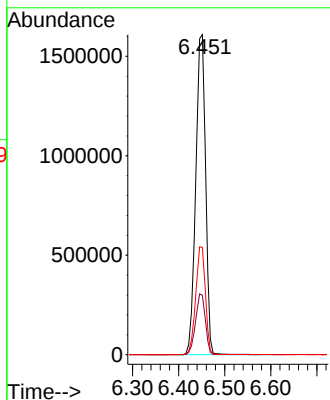
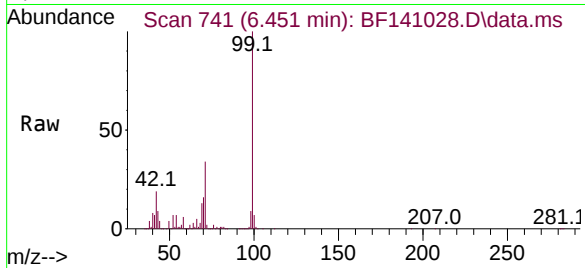


#7
Phenol-d6
Concen: 110.186 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141028.D
Acq: 30 Dec 2024 13:29

Instrument :
BNA_F
ClientSampleId :
TAPIAL3-IDW-SOIL-122024-T1

Tgt Ion: 99 Resp: 2386295

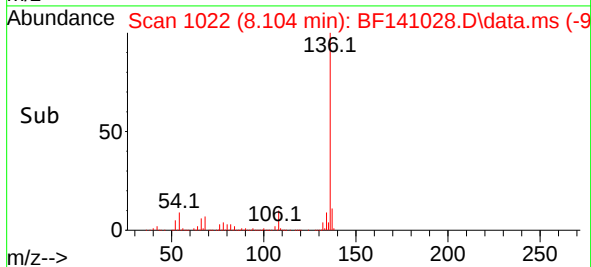
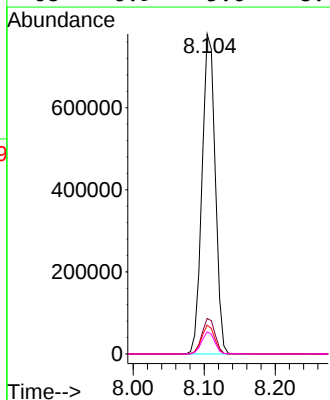
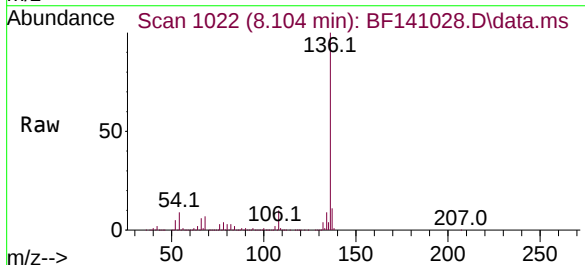
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	33.5	26.2	39.2

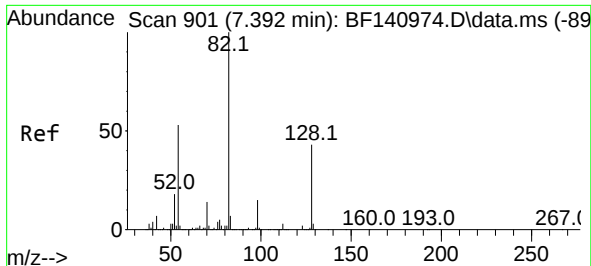


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141028.D
Acq: 30 Dec 2024 13:29

Tgt Ion:136 Resp: 1011771

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	9.0	7.6	11.4
68	6.9	5.6	8.4





#23

Nitrobenzene-d5

Concen: 115.159 ng

RT: 7.386 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF141028.D

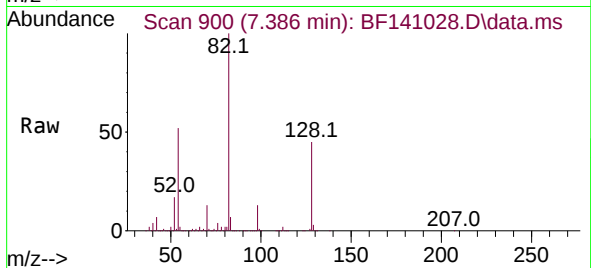
Acq: 30 Dec 2024 13:29

Instrument :

BNA_F

ClientSampleId :

TAPIAL3-IDW-SOIL-122024-T1



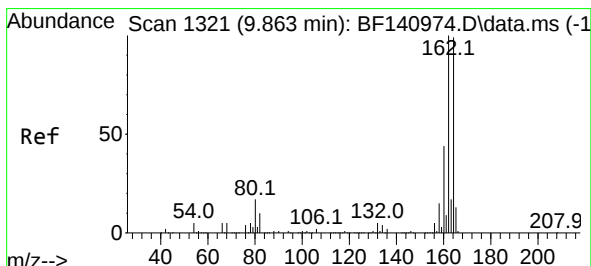
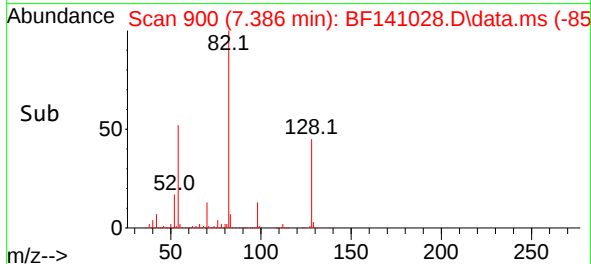
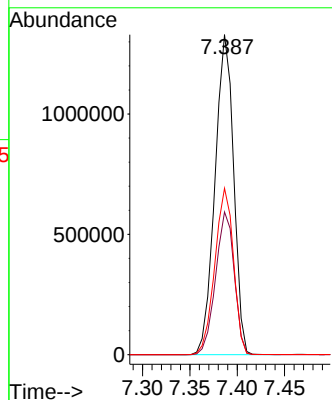
Tgt Ion: 82 Resp: 1821161

Ion Ratio Lower Upper

82 100

128 44.6 34.4 51.6

54 52.0 42.4 63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF141028.D

Acq: 30 Dec 2024 13:29

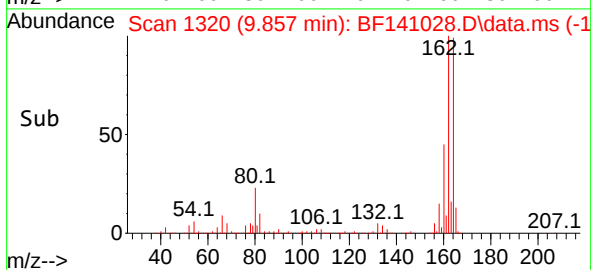
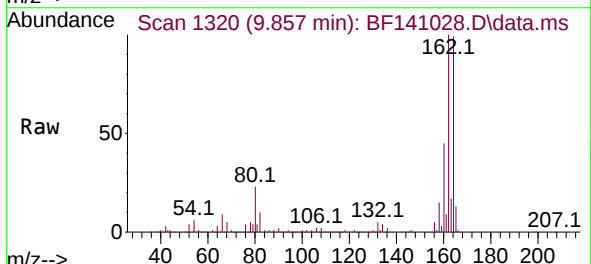
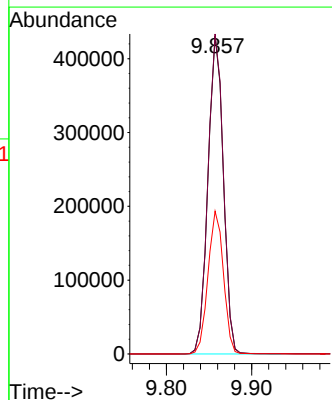
Tgt Ion:164 Resp: 540531

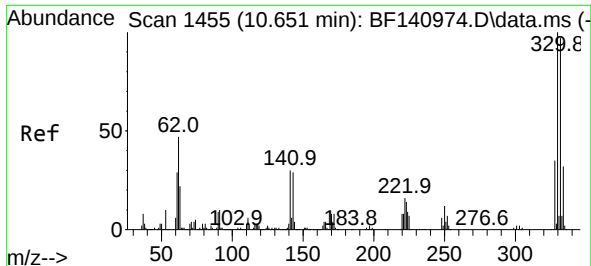
Ion Ratio Lower Upper

164 100

162 100.7 80.6 120.8

160 44.9 35.7 53.5

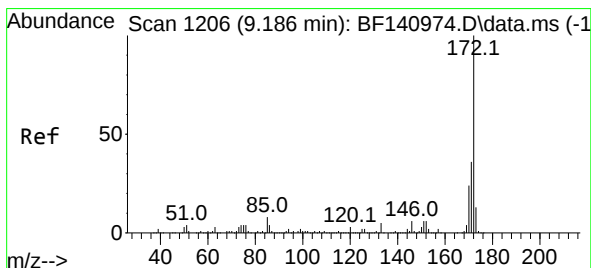
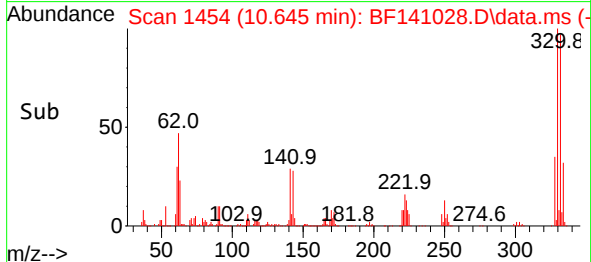
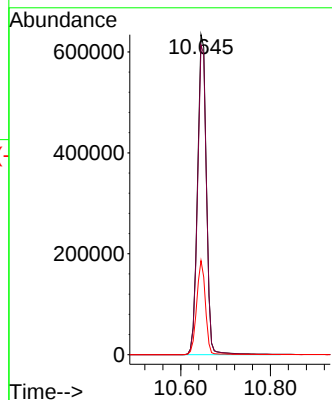
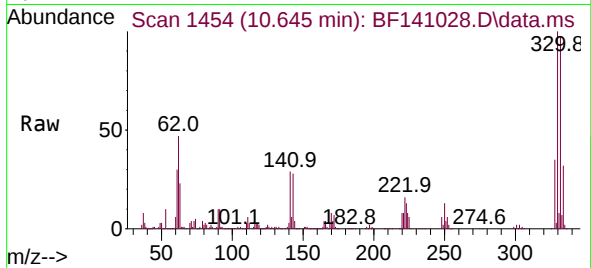




#42
 2,4,6-Tribromophenol
 Concen: 165.920 ng
 RT: 10.645 min Scan# 1455
 Delta R.T. -0.006 min
 Lab File: BF141028.D
 Acq: 30 Dec 2024 13:29

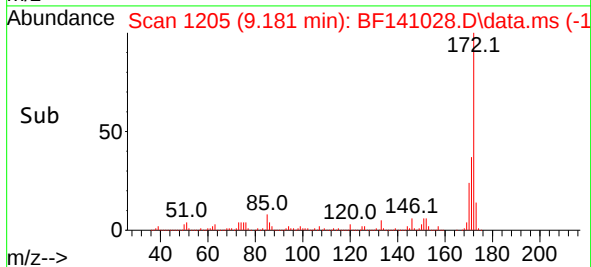
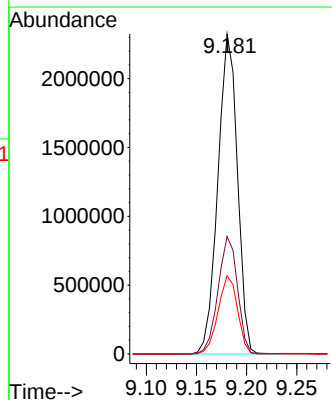
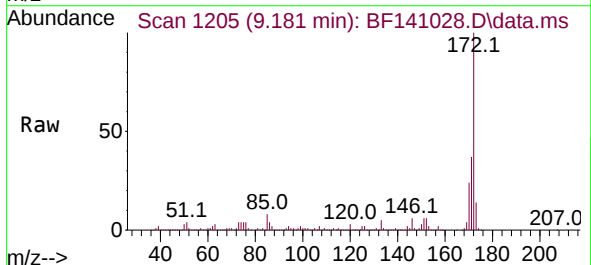
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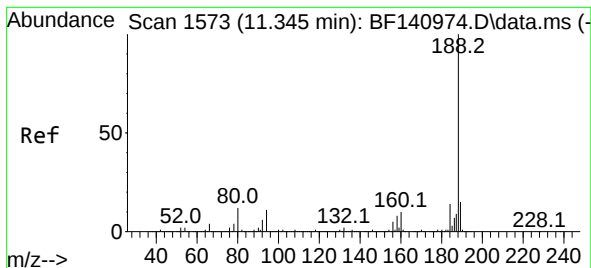
Tgt Ion: 330 Resp: 871475
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.0 117.0
 141 29.3 26.4 39.6



#45
 2-Fluorobiphenyl
 Concen: 92.676 ng
 RT: 9.181 min Scan# 1205
 Delta R.T. -0.006 min
 Lab File: BF141028.D
 Acq: 30 Dec 2024 13:29

Tgt Ion: 172 Resp: 3144167
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.4
 170 24.5 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141028.D

Acq: 30 Dec 2024 13:29

Instrument :

BNA_F

ClientSampleId :

TAPIAL3-IDW-SOIL-122024-T1

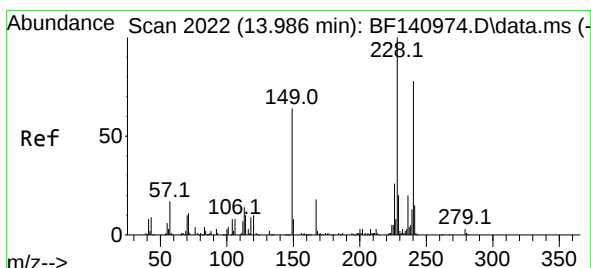
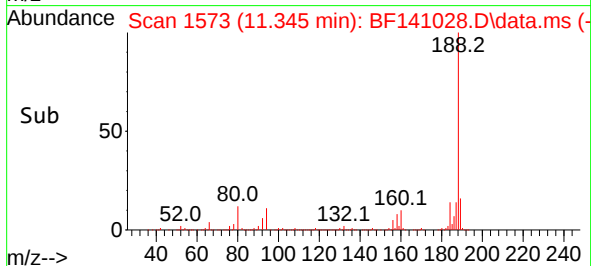
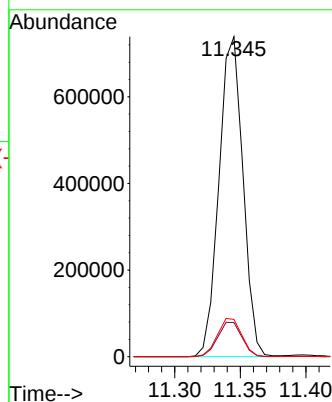
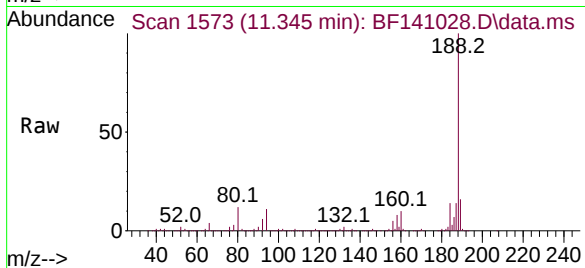
Tgt Ion:188 Resp: 938430

Ion Ratio Lower Upper

188 100

94 10.7 9.0 13.6

80 11.7 9.8 14.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF141028.D

Acq: 30 Dec 2024 13:29

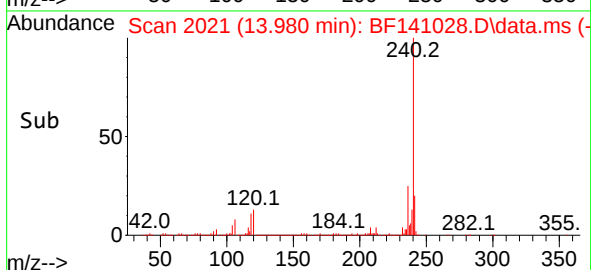
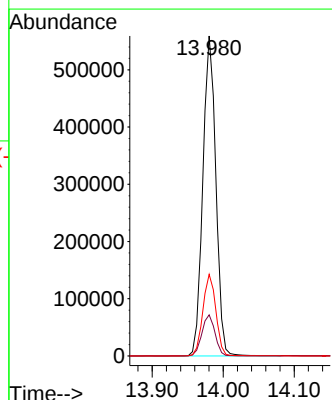
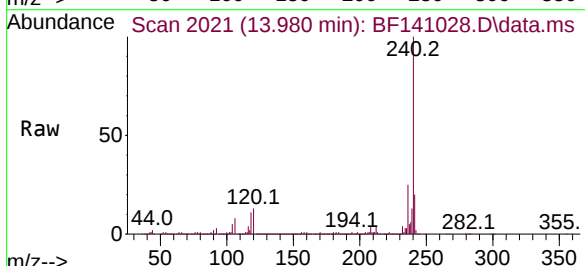
Tgt Ion:240 Resp: 714431

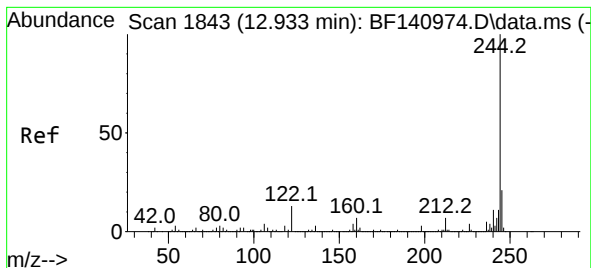
Ion Ratio Lower Upper

240 100

120 12.9 10.7 16.1

236 25.5 20.6 31.0





#79

Terphenyl-d14

Concen: 90.667 ng

RT: 12.933 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141028.D

Acq: 30 Dec 2024 13:29

Instrument :

BNA_F

ClientSampleId :

TAPIAL3-IDW-SOIL-122024-T1

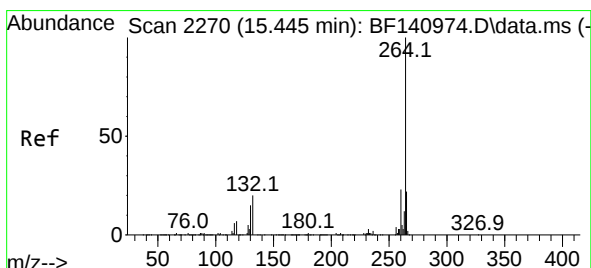
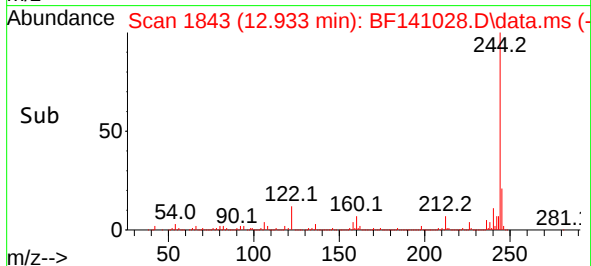
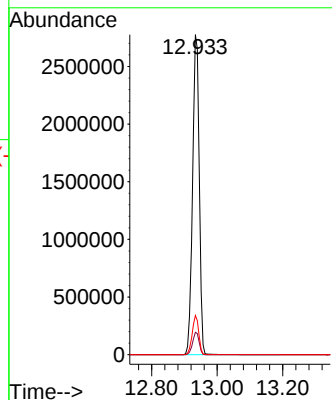
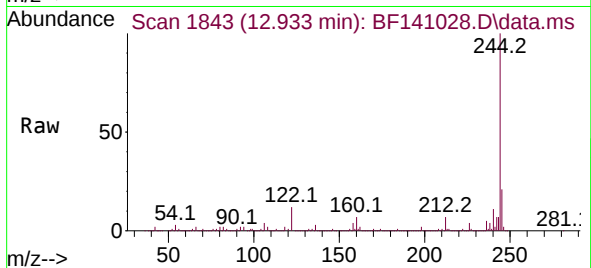
Tgt Ion:244 Resp: 3899798

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 12.3 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.000 min

Lab File: BF141028.D

Acq: 30 Dec 2024 13:29

Tgt Ion:264 Resp: 541596

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.6 17.4 26.2

